

Converting Colors

XYZ(35.2952, 34.4846, 11.0993)

Have a look what the booklet for
XYZ(35.2952, 34.4846, 11.0993)
contains.

XYZ(35.2952, 34.4846, 11.0993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.2952, 34.4846,
11.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	C59749
RGB	197, 151, 73
RGB Percent	77%, 59%, 29%
CMY	0.2275, 0.4078, 0.7137
CMYK	0.00, 0.23, 0.63, 0.23
HSL	38°, 52%, 53%
HSV	38°, 63%, 77%
XYZ	35.2952, 34.4846, 11.0993
YIQ	155.8620, 52.4540, -14.5060

Conversions

Conversions Part 2

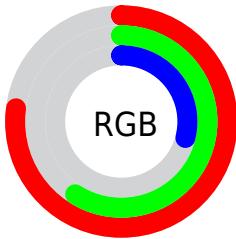
Format	Color
RYB	146, 197, 73
Decimal	12949321
CIELab	65.35, 8.76, 46.82
CIELCh	65, 47.636, 79.403
Yxy	34.4846, 0.4364, 0.4264
Android (android.graphics.Color)	4291139401 (0xFFC59749)
YUV	155.8620, -40.8510, 36.0780
Hunter-Lab	58.7236, 4.5193, 29.9002

Details

The XYZ color **35.2952, 34.4846, 11.0993** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.4223, 18.6406, 55.3974**, and the grayscale version is **31.6992, 33.3501, 36.3182**.

A 20% lighter version of the original color is **66.7094, 66.3779, 28.3650**, and **15.5172, 14.7477, 2.7878** is the 20% darker color. If you saturate the color by 10%, you get **33.6030, 31.9853, 7.8075**, and if you desaturate by 10%, it is **37.2687, 37.2158, 15.5061**.

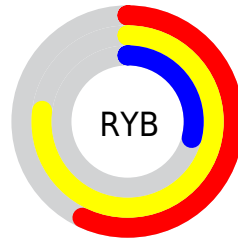
Distribution



Red (77%)

Green (59%)

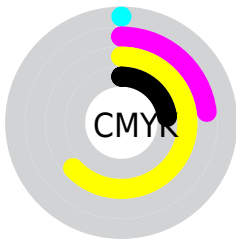
Blue (29%)



Red (57%)

Yellow (77%)

Blue (29%)

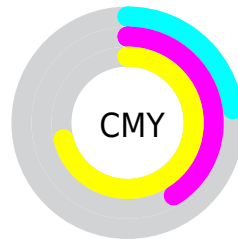


Cyan (0%)

Magenta (23%)

Yellow (63%)

Black (23%)



Cyan (23%)


Magenta (41%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2952, 34.4846, 11.0993 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 35.2952, 34.4846, 11.0993 by changing the saturation by 10% instead.


 35.2952, 34.4846,
11.0993


 35.2952, 34.4846,
11.0993


317.3546,
322.2875, 209.1094


 24.0579, 23.2661,
6.0187


 67.2738, 66.6866,
28.4831

 15.5016, 14.7901,
2.7875


 88.7459, 88.4388,
41.6233

 9.2608, 8.6722,
0.9872


 114.3603,
114.4712, 58.2872

 4.9701, 4.5280,
0.0000

 144.4824,
145.1679, 78.8931

 2.2643, 1.9731,
0.0000

 179.4775,
180.9136, 103.8598

 0.7763, 0.5918,
0.0000

219.7111,

 0.0000, 0.0000,

222.0925, 133.6057

0.0000

265.5483,
269.0890, 168.5494

■ 35.2952, 34.4846,
11.0993

■ 35.2952, 34.4846,
11.0993

■ 33.6030, 31.9853,
7.8075

■ 37.2687, 37.2158,
15.5061

■ 32.1682, 29.7021,
5.5211

■ 39.5402, 40.1836,
21.1192

■ 30.9657, 27.6242,
4.1119

■ 42.1273, 43.3983,
28.0229

■ 30.2243, 26.2672,
3.4771

■ 45.0458, 46.8681,
36.2932

■ 48.3100, 50.6007,
46.0003

■ 51.9334, 54.6034,
57.2093

■ 55.9287, 58.8830,
69.9815

■ 60.3079, 63.4462,
84.3748

■ 65.0825, 68.2991,
100.4439

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.2609, 34.4846, 15.3455



35.2952, 34.4846, 11.0993



28.5359, 34.4846, 11.7877

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.2952, 34.4846, 11.0993



21.7220, 34.4846, 51.7458



44.0024, 34.4846, 68.3523

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.2952, 34.4846, 11.0993



19.4223, 18.6406, 55.3974

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.4178, 34.4846, 86.4288



35.2952, 34.4846, 11.0993



24.8293, 34.4846, 74.7339

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.2952, 34.4846, 11.0993



21.3210, 34.4846, 30.9423



30.3807, 34.4846, 89.1064



47.7392, 34.4846, 45.0324

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.2952, 34.4846, 11.0993



25.0070, 34.4846, 15.0650



30.3807, 34.4846, 89.1064



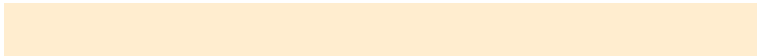
42.0087, 34.4846, 75.5479

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.2960, 34.4863, 11.1000



82.7400, 86.3279, 71.0455



28.8313, 18.0048, 19.8956



17.3573, 18.0704, 14.1718



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2960, 34.4863, 11.1000



59.0447, 55.5130, 12.0463



40.5864, 50.4235, 13.8973



11.1805, 11.7301, 11.2376



19.9622, 17.4415, 2.3144



1.0129, 0.9612, 0.1321

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.4223, 18.6406, 55.3974



28.3861, 25.0171, 97.9404



16.4351, 10.8455, 54.0502



10.3736, 10.9212, 13.4787



8.2729, 5.9397, 35.4548



0.4609, 0.4196, 1.7018

Previews

White Background



This preview shows how the XYZ color 35.2952, 34.4846, 11.0993 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.2952, 34.4846, 11.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2952, 34.4846, 11.0993

Background



This preview shows how black text looks on a background with the XYZ color 35.2952, 34.4846, 11.0993.



This preview shows how white text looks on a background with the XYZ color 35.2952, 34.4846,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.2952, 34.4846, 11.0993

Protanopia

31.6071, 34.5482, 11.8401

Deuteranopia

35.0342, 34.3500, 11.0870



Tritanopia

40.0514, 34.3424, 34.6548

Trichromacy



Original Color

35.2952, 34.4846, 11.0993

Protanomaly

32.9256, 34.4753, 11.5756

Deuteranomaly

35.0342, 34.3500, 11.0870

Tritanomaly

37.8509, 34.1235, 23.6603

Monochromacy



Original Color

35.2952, 34.4846, 11.0993

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.1161, 33.2755, 24.4688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2952, 34.4846, 11.0993 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 151, 73)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 73)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 151, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 73) }
```

Border

The CSS property to change the border of an element to XYZ 35.2952, 34.4846, 11.0993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 73) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(197, 151, 73) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(197, 151, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 151, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 151, 73);  
box-shadow:4px 4px 4px 4px rgb(197, 151,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2952, 34.4846, 11.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 73) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
151, 73) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor